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TC 2800 MAIL ROOM  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Philip J. Lin )  
For: Signal Interconnect Incorporating )  
Multiple Modular Units )  
Serial No.: 09/808,331 )  
Filed: March 14, 2001 )  
Examiner: Kaveh C. Kianni )  
Art Unit: 2877 )  
Docket No. 8378/86318 )

AMENDMENT B AFTER FINAL

Main Stop Non-Fee Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Final Office Action mailed February 11, 2003, please make the following amendments:

66. (Twice Amended) A signal coupling network for coupling any one of N1 inputs to any one of N2 outputs comprising:

a plurality of substantially identical, KxK signal interconnect modules wherein each contains  $K^2$  input lines, where  $K < N_1$ , and couples them to  $K^2$  output lines;

wherein N1 inputs comprise  $\frac{N_1}{K}$  groups of signal carriers coupled to a corresponding number of KxK modules; and

wherein the plurality comprises  $\left(\frac{N_1}{K} \times \frac{N_2}{K}\right)$  modules.

*No. 1, 1, 1, 1*